

# Sub Report of Handsonment

## PMS NOTATIONS

Entered in NID File

✓

Entered On S R Sheet

✓

Location Map Pinned

✓

Card Indexed

\_\_\_\_\_

IWR for State or Fee Land

\_\_\_\_\_

Checked by Chief

PMB

Copy NID to Field Office

✓

Approval Letter

\_\_\_\_\_

Disapproval Letter

\_\_\_\_\_

## COMPLETION DATA:

Date Well Completed

3-3-67

Location Inspected

\_\_\_\_\_

OW

WW

TA

Bond released

\_\_\_\_\_

GW

OS

PA ✓

State of Fee Land

\_\_\_\_\_

## LOGS FILED

Driller's Logs

3-9-67

Electric Logs (No.)

2

E

I

E-I

✓

GR

GR-N

Micro

Lat

Mi-L

Sonic

GR

Others

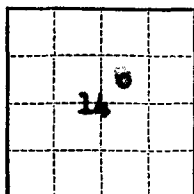
\_\_\_\_\_

(SUBMIT IN TRIPLICATE)

Indian Agency **Ft. Duchesne**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_  
Lease No. **14-20-462-1365**



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	<input type="checkbox"/>	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	<input type="checkbox"/>	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	<input type="checkbox"/>	SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	<input type="checkbox"/>	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	<input type="checkbox"/>	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	<input type="checkbox"/>	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 24, 1967

Well No. **1-14** is located **1941** ft. from **N** line and **1820** ft. from **E** line of sec. **14**

NE **SW NE** Sec **14** **T59** **R4W** **(USM)**  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

**Nutter Canyon Field Ext.** **Duchesne** **Utah**  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **6102** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Surface casing 200' of 8-5/8" 24# J-55, cement to circ.  
4-1/2" J-55 14-15.5# casing through all potential zones

Estimated Formation Tops:  
Green River 955  
Wasatch 5845

Estimated total depth 5950, will test oil and gas potential of the Green River Formation.

To use air as a circulating medium. **API 43-013-00189**

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **The Shamrock Oil and Gas Corporation**

Address **Box 631**

**Amarillo, Texas 79105**

By **Burke Isbell**  
**E. Burke Isbell**

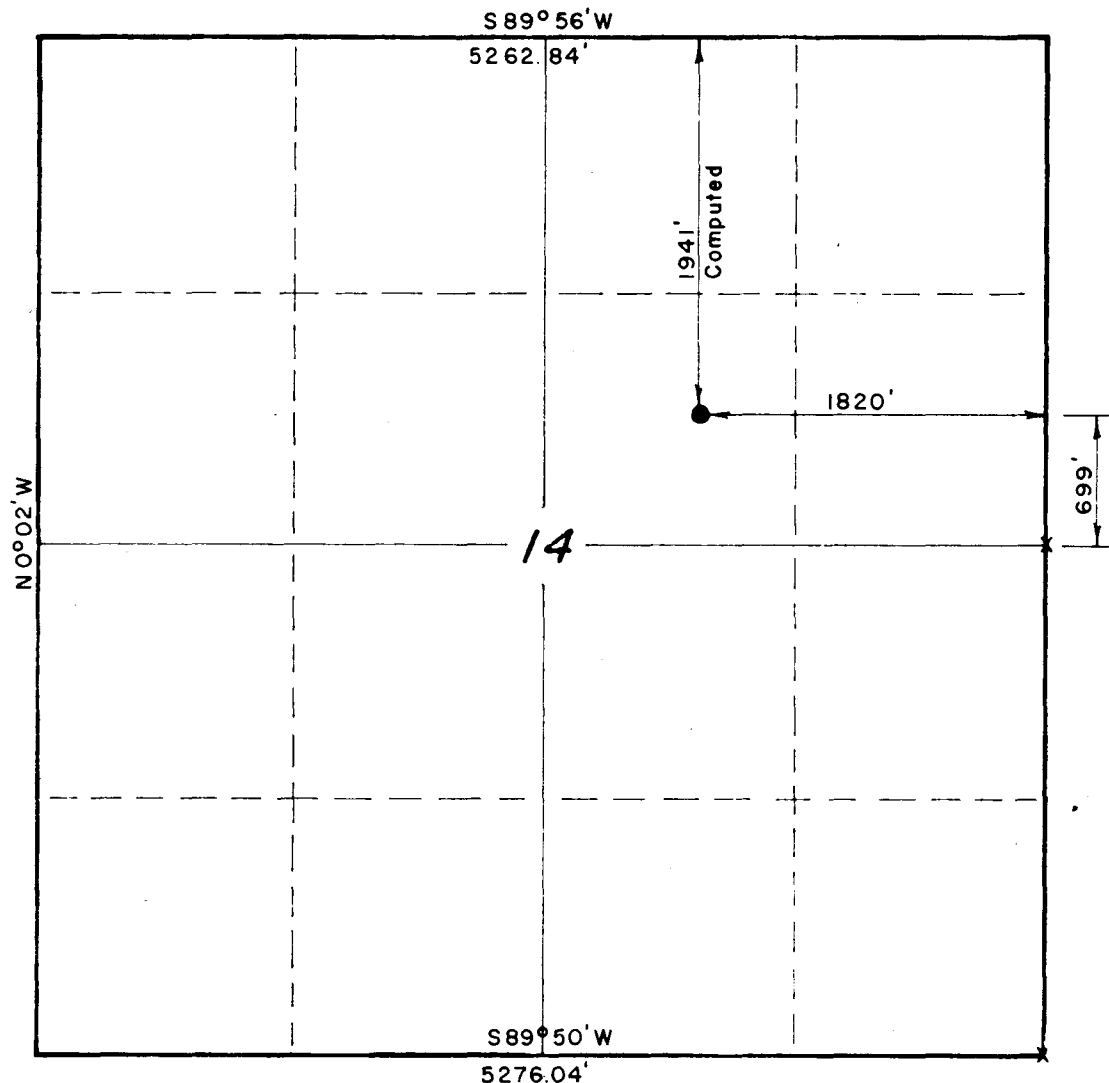
Title **Geologist**

T5S, R4W, U.S.M.

PROJECT

SHAMROCK OIL & GAS CORP.  
WELL LOCATION UTE TRIBE #1-14  
LOCATED AS SHOWN IN THE SW1/4,  
NE1/4, SEC. 14, T5S, R4W, U.S.M.  
DUCHESNE COUNTY, UTAH.

GL = 6091  
KB = 6104



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED  
FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER  
MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT  
TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Nelson J. Marshall*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454 UTAH

X = Corners Located (Stone)

Uintah Engineering & Land Surveying  
BOX 330  
VERNAL, UTAH

SCALE  
1" = 1000'

PARTY  
GS - BT

WEATHER  
Cloudy - Cold

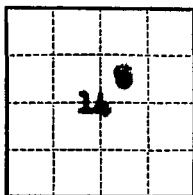
DATE  
28 Nov. 1966

REFERENCES  
GLO Township Plat

FILE  
SHAMROCK\*

(SUBMIT IN TRIPLICATE)

Indian Agency Ft. Duchesne



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. 14-20-462-1365

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL _____	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF _____	
NOTICE OF INTENTION TO CHANGE PLANS _____		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING _____	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF _____		SUBSEQUENT REPORT OF ALTERING CASING _____	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL _____		SUBSEQUENT REPORT OF REDRILLING OR REPAIR _____	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE _____		SUBSEQUENT REPORT OF ABANDONMENT _____	
NOTICE OF INTENTION TO PULL OR ALTER CASING _____		SUPPLEMENTARY WELL HISTORY _____	
NOTICE OF INTENTION TO ABANDON WELL _____			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 24, 19 67

Well No. 1-14 is located 1941 ft. from N line and 1820 ft. from E line of sec. 14

SW NE Sec 14 T5S RAM (USM)  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Nuttars Canyon Field Ext. Duchesne Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6102 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Surface casing 200' of 8-5/8" 24# J-55, cement to circ.  
4-1/2" J-55 14-15.5# casing through all potential zones

Estimated Formation Tops:  
Green River 955  
Wasatch 5845

Estimated total depth 9950, will test oil and gas potential of the Green River Formation.

To use air as a circulating medium.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Shamrock Oil and Gas Corporation

Address Box 631

Amarillo, Texas 79105

By Burke Isbell  
E. Burke Isbell

Title Geologist

January 26, 1967

The Shamrock Oil and Gas Corporation  
Box 631  
Amarillo, Texas 79105

Re: Well No. Nutter Canyon #1-14,  
Sec. 14, T. 5 S., R. 4 W.,  
Duchesne County, Utah.

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer  
HOME: 277-2890 - Salt Lake City, Utah  
OFFICE: 328-5771 - 328-5772 - 328-5773

This approval terminates within 90 days if the well has not been spudded-in within said period. Enclosed please find Form OGCC-8-X, which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your cooperation with respect to completing this form will be greatly appreciated.

The API number assigned to this well is 43-013-20189 (see Bulletin D12 published by the American Petroleum Institute).

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT  
EXECUTIVE DIRECTOR

CBF:sc

cc: Rodney Smith, District Engineer  
U. S. Geological Survey  
8416 Federal Building  
Salt Lake City, Utah

3/3/67

Shamrock

Nutter Canyon  
~~Ute Hill~~ 1-14

sec 14 T5S R4W Duchesne Co.

T.P. 6454

7 7/8" hole

8 5/8" set @ 215

top of member 1025

Top of <sup>Good</sup> oil shab 1310

Douglas Creek 4360

Woratch - 5950 (no red till 6012)

drilled / air - no water

2 bbls hor. at mouth

small oil show

Producing SS in offset shab out

6070 - 5965 - 30rb top of member

4415 - 4310 - 30rb top of Douglas

1240 - 1355 - 30rb top of oil shab

270 - 156 - 30rb (under 10' of air)

Set top / member - fill with mud.

Plugging program from USGS -

Approved - PWB

FORM OGCC-8-X  
FILE IN QUADRUPLICATE

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION  
348 EAST SOUTH TEMPLE  
SUITE 301  
SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Ute Tribe No. 1-14  
Operator Shamrock Oil and Gas Address Amarillo, Texas Phone DR 6-4451  
Contractor Miracle, Inc. Address Vernal, Utah Phone 789-2661  
Location SW 1/4 NE 1/4 Sec. 14 T. 5 N. R. 4 E Duchesne County, Utah.  
S W

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1. <u>None - Drilled with air-mist</u>			
2. _____			
3. _____			
4. _____			
5. _____			

(Continued on reverse side if necessary)

Formation Tops:

Green River	1025
Douglas Creek	4360
Remarks: Wasatch	5960

NOTE: (a) Upon diminishing supply of forms, please inform the Commission,  
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See back of form).  
(c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

Drillers Log: (Continued)

0 - 1243 - sd, sh, lm  
1243 - 2835 - oil shale predom.  
2835 - 3530 - lm, sh, sd  
3530 - 5740 - sh, silt, sd  
5740 - 6012 - blk sh, ost. lm  
6012 - 6454 - red-gn sh, sd

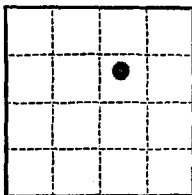
Rule C-20

REPORTING OF FRESH WATER SANDS

It shall be the duty of any person, operator or contractor drilling an oil or gas well or drilling a seismic, core or other exploratory hole to report to the Commission all fresh water sands encountered; such report shall be in writing and give the location of the well or hole, the depth at which the sands were encountered, and the thickness of such sands, and the rate of flow of water if known.

MAK





(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R359.4.  
Approval expires 12-31-60.

Indian Agency Uintah-Couray  
Ft. Duchesne, Utah

Allottee \_\_\_\_\_

Lease No. 14-20-462-1365

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	X
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 6, 1967

Well No. 1-14 is located 1941 ft. from [N] line and 1830 ft. from [E] line of sec. 14

SW NE Section 14

(1/4 Sec. and Sec. No.)

T5S, R4W

(Twp.)

(Range)

USM

(Meridian)

Hutters Canyon

(Field)

Duchesne

(County or Subdivision)

Utah

(State or Territory)

The elevation of the derrick floor above sea level is 6104 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

30 in from 6070-5965

30 in from 4415-4310

30 in from 1355-1250

30 in from 270-190

5 in in 7/8-5/8 casing

TD 6454

Completed 3-3-67

Verbal approval to plug given by Rod Smith on 3-3-67

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Shamrock Oil and Gas Corporation

Address Box 631

Amarillo, Texas

By Burke Isbell

Title Geologist

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

7

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:				OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input checked="" type="checkbox"/>	Other _____								
b. TYPE OF COMPLETION:				NEW WELL <input type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____						
2. NAME OF OPERATOR								5. LEASE DESIGNATION AND SERIAL NO.							
The Shamrock Oil and Gas Corporation								14-20-462-1365							
3. ADDRESS OF OPERATOR								6. IF INDIAN, ALLOTTEE OR TRIBE NAME							
Box 631, Amarillo, Texas 79105								Ute							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*								7. UNIT AGREEMENT NAME							
At surface 1941' fr NL, 1820' fr RL (SW NE)								-							
At top prod. interval reported below								8. FARM OR LEASE NAME							
At total depth								Ute Tribe							
14. PERMIT NO.								9. WELL NO.							
DATE ISSUED								1-14							
15. DATE SPUDDED								10. FIELD AND POOL, OR WILDCAT							
2-16-67								Nutter's Canyon Field Area							
16. DATE T.D. REACHED								11. SEC., T., R., M., OR BLOCK AND SURVEY							
3-1-67								OR ARE							
17. DATE COMPL. (Ready to prod.)								Sec. 14, T5S, R4W (USM)							
3-3-67 P&A															
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*								12. COUNTY OR PARISH							
6104 KB								Duchessne							
19. ELEV. CASINGHEAD								13. STATE							
-								Utah							
20. TOTAL DEPTH, MD & TVD								24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*							
6454								None							
21. PLUG, BACK T.D., MD & TVD								25. WAS DIRECTIONAL SURVEY MADE							
-								No							
22. IF MULTIPLE COMPL., HOW MANY*								26. TYPE ELECTRIC AND OTHER LOGS RUN							
-								IES, BHC Sonic-Gamma Ray-Caliper							
23. INTERVALS DRILLED BY								27. WAS WELL CORED							
→								No							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*															
None															
28. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
8-5/8"		24		215'		11"		100 sx		None					
29. LINER RECORD										30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
None										DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
33.* PRODUCTION															
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)								WELL STATUS (Producing or shut-in)					
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO	
						→									
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAVITY-API (CORR.)			
				→											
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)										TEST WITNESSED BY					
35. LIST OF ATTACHMENTS															
None - logs will be sent when available															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records															
SIGNED		Burke Isbell				TITLE		Geologist		DATE		3-6-67			
		Burke Isbell													

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Green River	3810	3820	Show of gas	Green River	1025	
Green River	4067	4075	Show of oil	Douglas Creek	4360	
Green River	4400	4420	Stain - tight	Wasatch Tongue	5338	
Green River	4550	4580	Stain - tight	Wasatch	5960	
Green River	5000	5020	Stain - tight			
Green River	5045	5047	Stain - tight			
			Drilled with air-wrist			

MAR 9 1967